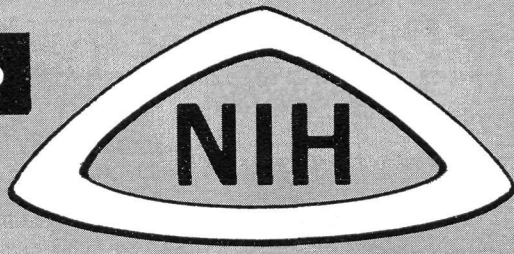


the



Record

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFAREAugust 4, 1970
Vol. XXII, No. 16

NATIONAL INSTITUTES OF HEALTH

**Dr. John Greene Named
Acting Director of DDH**

Dr. John C. Greene, Deputy Director, Division of Dental Health, has been named Acting Director.

The announcement was made by Dr. Kenneth M. Endicott, Director, Bureau of Health Professions Education and Manpower Training.

Dr. Greene has been an officer in PHS for the past 18 years. He has administered programs in dental education and manpower development, dental economics, epidemiology, fluoridation, community programs and applied dental research.

Dr. Greene has also served as chief of Epidemiology Branch at DDH's Dental Health Center in San Francisco, where he initiated the National Cleft Lip and Palate Intelligence Service, and conducted research on periodontal disease.

Was WHO Consultant

The new Acting Director has also been a consultant to the World Health Organization.

He is an alumnus of the Communicable Disease Center's Epidemic Intelligence Service and has served on the epidemiology staff of NIDR, and as assistant to the chief dental officer, PHS.

He is a graduate of the University of Louisville's School of Dentistry, and also holds an MPH degree from the University of California at Berkeley.

Dr. Greene is a Diplomate of the American Board of Dental Public Health, and a Fellow of the American Public Health Association.



Dr. Greene has served as consultant to WHO and participated in many international research activities.

**'Isolette' Maintains Disease-Free Status
Of Research Animals Prior to Inoculation**

An animal housing unit which goes far toward solving two major problems with animals in virus research has been developed by an NIH scientist-administrator team.

The uniquely constructed unit, fitted with interchangeable component parts, prevents cross-infection from animal to animal and confines the viral agent to a small working area.

After 2 years of evaluating and making numerous modifications, Dr. William T. London, National Institute of Neurological Diseases and Stroke, and Robert R. Kane, Supply Management Branch, OD-OAS, finished developing the unit known as an "Isolette."

Is Specially Designed

It was specifically designed for the Institute's Section on Infectious Diseases, headed by Dr. John L. Sever, which is studying viral diseases such as rubella, mumps, and subacute sclerosing panencephalitis (a fatal, latent or "slow" virus), as well as bacterial disease in the fetus or newborn animal.

Each isolette is 35 inches wide, 41 inches deep and 45 inches high, and can hold one monkey, or one dog, one cat, four rabbits or large numbers of smaller animals.

The interior primate cages are so designed that they may also be suspended on racks outside the isolette. A removable inner door permits the holding of larger animals.

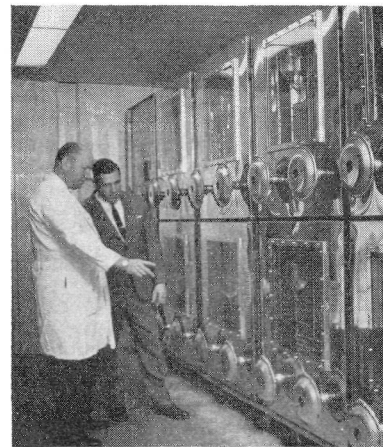
The isolettes, mounted on transporting dollies, can be used singly or in tiers. Rows of cages can be formed by joining tiered units together.

The isolettes have two features which help to prevent cross-infection. First, the entire unit and its components (except for the glass door and dolly wheels) is made of non-corrosive stainless steel and can be steam sterilized to kill microorganisms.

Secondly, the isolettes are maintained under negative air pressure so that air is drawn into the cage rather than let out into the room.

Air is drawn into each unit through two filters in the front door, and leaves the unit through a filter mounted in the air ducts at the rear of the unit.

(See ISOLETTE, Page 7)



The scientist administrator team—Dr. London (1) and Mr. Kane—discuss the features of the isolettes which are mounted on transporting dollies and can be used singly or in tiers.

**Endicott Seeks Academic
Credit for Veterans and
Others With Lab Skills**

"Veterans and others with medical laboratory training may soon be able to receive academic credit for their laboratory knowledge and skills," declared BEMT Director Dr. Kenneth D. Endicott, when he announced the awarding of a contract to the Educational Testing Service.

The development of equivalency examinations for subjects taught in collegiate Medical Laboratory Technology programs is the objective of the \$210,832 contract.

May Qualify as Technicians

The examinations will make it possible for those who have acquired medical laboratory knowledge and skills in non-academic settings, particularly in military services, to receive credit toward requirements necessary to qualify them as medical laboratory technicians.

"About 175,000 laboratory workers of all types will be needed in

(See ACADEMIC, Page 6)

**PHS Officers Awarded
Commendation Medals
For Work Performance**

Eight PHS Commissioned Officers have been awarded the Public Health Service Commendation Medal.

They are: Dr. Duane L. Alexander, Dr. Anton M. Allen, Robert F. Clarke, Jean Paul Davignon, Dr. Alfred Hellman, Dr. Raymond J. Helvig, Dr. Carl M. Leventhal, and Dr. Bayard H. Morrison, III.

The award is presented in recognition of "sustained high quality work performance in scientific, administrative, or other professional fields."

The officers were honored for their "application of unique skill or creative imagination to the approach or solution of problems, or noteworthy technical and professional contributions that are significant to a limited area."

The following citations were presented with the medals:

Dr. Duane L. Alexander, Surgeon, NICHD, "in recognition of his development and administration of programs of clinical research in hyperkinetic children, genetic factors in mongoloid children, dyslexia and other research in the Children's Diagnostic Clinic."

Dr. Anton M. Allen, Veterinary Director, DRS, "for his sustained high quality performance as acting

(See MEDALS, Page 7)

**Dr. Nathan W. Shock
Is Honored by German
Gerontological Society**

The German Gerontological Society elected Dr. Nathan W. Shock as its corresponding member during the society's fourth annual congress held in June in Nuremberg.

Dr. Shock is chief of the Gerontology Research Center, National Institute of Child Health and Human Development, in Baltimore.

Professor Rene Schubert, President of the German society, cited Dr. Shock for his "outstanding accomplishments in gerontology."

Dr. Shock is President of the International Association of Gerontology, which represents over 14,000 gerontologists and geriatricians from many countries.

the NIH Record

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NIH Television, Radio Program Schedule

Television

NIH REPORTS

WRC, Channel 4
1 a.m. Wednesday

August 5

Dr. Frank W. Hastings, chief,
Artificial Heart Program,
NHLI
Subject: Artificial Heart
Program (Part I) (R)

August 12

Part II of above program (R)

Radio

DISCUSSION: NIH

WGMS, AM-570—FM Stereo
103.5—Friday, about 9:15 p.m.

August 7

Dr. Stephan E. Mergenhagen,
chief, Laboratory of Micro-
biology, NIDR
Subject: Bacteria in
Periodontal Disease (R)

August 14

Dr. Sotiros Chaparas,
Laboratory of Bacterial
Products, DBS
Subject: Diagnosis of
Tuberculosis

Interview takes place during the
program, The Music Room.

R&W Karate Club Will Teach Ti Chee, a Beneficial Exercise

The Karate Club of the Recreation and Welfare Association is organizing a class in ti chee, considered to be a healthier, smoother, and more graceful form of karate.

The class will be taught by Willy Linn, who recently came to the U.S. from Taiwan. For further information call Ray Fish, Ext. 64957.

Plan Using Retired Med. Professors as Hospital Consultants to Be Tested

A plan to use retired medical professors as consultants in hospitals with a critical need for counseling on patient care and teaching will be tested at Saint Barnabas Hospital in New York.

This study, under the guidance of Dr. Joseph Moldaver, Director of Neuropsychiatry at Saint Barnabas, is being funded by the Division of Physician Manpower, BEMT.

At first, the project will determine the number and types of suitable retired medical instructors in the New York Metropolitan Area who would be willing to participate.

The project will also survey non-teaching New York hospitals in order to identify the need and desire for continuing medical education assistance.

In announcing the \$35,000 contract, Dr. Kenneth M. Endicott, BEMT Director, said, "The valuable experience and proven ability of these retired teachers may well contribute to the solution of the shortage of medical instructors in isolated and non-university-affiliated hospitals."

Guide to Grant, Award Programs Issued by NIH

A revised version of the booklet entitled *A Guide to Grant and Award Programs of the National Institutes of Health*, PHS Publication No. 1067, Revised 1970, has recently been published.

The publication, which reflects the reorganization of NIH, incorporates the programs of the Bureau of Health Professions Educa-

Janet Elms Retires, CC Career Spans 17 Years; Also Served Abroad



At her retirement party attended by many members of the CC staff, Mrs. Elms (left), was presented with a gift of silver candlesticks by Margaret Benson, chief, Allergy and Infectious Diseases Nursing Service.

Janet Elms, head nurse, Clinical Center's Allergy and Infectious Diseases Nursing Service, has retired. She completed a professional nursing career of over 36 years.

Earns RN in 1934

Mrs. Elms received her R.N. from Buffalo City Hospital in 1934 and a B.S. degree from Buffalo University.

Following graduation, she spent several years in private practice. In 1944, she joined in the U.S. Army Nurse Corps and served for 2 years in England. There she helped establish a blood bank and also acted as a dietitian.

After her Army discharge she returned to private practice only to be called back to active duty in 1951. During that tour, she was assigned to a hospital in Japan.

Wins Awards

She returned to civilian status early in 1953, and after brief service with the Red Cross, joined the newly opened CC. She was assigned to what was then called the Infectious & Tropical Diseases Nursing Service.

At the CC, Mrs. Elms received two commendations for exceptional devotion to duty and excellent nursing care. She won special recognition for her contribution to research on the common cold which involved the care of over 1,200 normal volunteer patients.

tion and Manpower Training, and the National Library of Medicine.

Copies of the booklet can be obtained free of charge from the Division of Research Grants, NIH, Bethesda, Md. 20014.

U.S. First Army Band to Give Concert on August 7

The United States First Army Band will present a concert for Clinical Center patients on Friday, August 7, at 7:30 p.m. on the patio east of the Jack Masur Auditorium. In case of rain, the concert will be held in the auditorium.

NIH employees, their families and friends, are invited, but patients will have seating priority.

Printing and Publishing Booklet Offers Guidance To Researchers, Others

A booklet, *NIH Printing and Publishing Guide*, which answers frequently asked questions on printing and publishing by NIH employees, has been issued by the NIH Printing Liaison Committee.

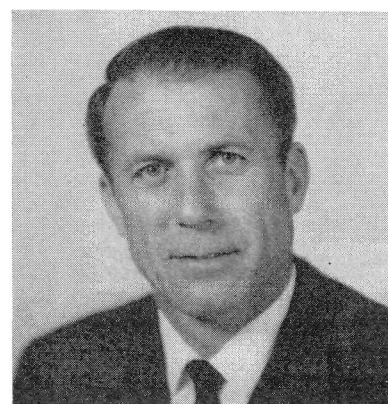
Scientists and others whose work does not require familiarity with printing procedures will find the contents particularly useful, Ruth Dudley, committee chairman, said. The publication is being widely distributed throughout NIH.

Procedures Described

Printing procedures and regulations are described using the question and answer method.

The NIH Printing Liaison Committee was appointed by the Director of Information and includes six persons familiar with publication matters.

The committee was formed to make recommendations on the administrative procedures for obtaining printing services, and improving both the quality of printing and the distribution of publications.



Robert W. Steiner has been named administrative officer of NIAID's Rocky Mountain Laboratory in Hamilton, Mont. Mr. Steiner received his B.S. degree from the University of Montana. Before joining NIH, he was project manager for the Office of Economic Opportunity Regional Office in Kansas City, Mo., and received a Superior Performance Award for his service there.

Dr. Joseph F. Gallelli Appointed Chief of CC Pharmacy Department

Dr. Joseph F. Gallelli has been named chief of the Clinical Center Pharmacy Department.

The appointment was announced by Dr. Thomas C. Chalmers, CC Director, who stated that Dr. Gallelli is widely known for his excellent work in building the CC's pharmaceutical development service, and said "we look forward to the even broader application of his skill as he guides the activities of the Pharmacy Department."

Dr. Gallelli's new responsibilities, which he assumed August 1, include directing a service for de-



In 1968 Dr. Gallelli received the Military Section Literary Award from the American Pharmaceutical Association for his paper "Assay and Stability of Amphotericin B in Aqueous Solutions."

veloping drug dosage forms.

Dr. Gallelli joined NIH in 1961 as chief of the CC Pharmacy Department's Pharmaceutical Development Service. Earlier, he had been an investigator with Wyeth Institute for Medical Research in Radnor, Pa., and an instructor at Temple University's School of Pharmacy.

He earned his B.S. degree at Long Island University's Brooklyn College of Pharmacy in 1957, and received his M.S. and Ph.D. degrees from Temple University.

In 1968, he received the Military Section Literary Award from the American Pharmaceutical Association for his paper "Assay and Stability of Amphotericin B in Aqueous Solutions."

It was judged the best original contribution to pharmaceutical literature submitted by a member of APhA's Military Section in 1967 and was published that year in the March issue of *Drug Intelligence*.

Dr. Gallelli is the author of 15 scientific papers on his research in drug stability and pharmaceutical development conducted at the CC.

He has also collaborated on other articles on experimental therapeutics.

Dr. von Sallmann, Lauded as Clinician, Researcher, Teacher, Retires From NEI

Dr. Ludwig von Sallmann, internationally known for his distinguished contributions to the field of ophthalmology, retired recently as chief of the Ophthalmology Branch, National Eye Institute.

Dr. von Sallmann, whose career in academic medicine and clinical and laboratory research spans five decades, will join the Laboratory of Neurophysiology, National Institute of Neurological Diseases and Stroke.

Continues Research

He will continue his current work on experimental cataract and the development and differentiation of the normal lens. His long-time assistant, Patricia A. Grimes, will join him in his new laboratory.

In 1956, Dr. von Sallmann left his teaching and research posts at Columbia University to organize the Ophthalmology Branch in the Neurology Institute.

As branch chief, he created a research unit which soon came to be regarded as one of the outstanding world centers for vision research.

During his tenure, Dr. von Sallmann also helped train a large number of young scientists who now occupy positions of great distinction in the medical and scientific community.

Dr. Carl Kupfer, NEI Director, said of Dr. von Sallmann, "Throughout his career he has been the embodiment of the ideal clinician-teacher-researcher, excelling in all three."

"Without his leadership and broad experience, the Ophthalmology Branch could not have achieved its present high level of development."

As a tribute to Dr. von Sallmann's long and productive career, the January 1970 issue of the journal *Investigative Ophthalmology* was dedicated to him—the first time such an honor had been bestowed.

All of the research papers included in this issue were written by distinguished scientists who had trained under Dr. von Sallmann.

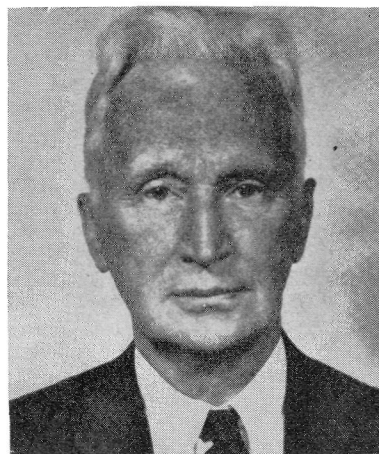
Significantly too, all but one of the 10 papers resulted from research either supported by or conducted at NIH.

Lauded by Former Students

In his introduction to the special issue, Dr. Herbert E. Kaufman, Professor and Chairman of the Department of Ophthalmology, University of Florida College of Medicine, wrote, "All of us who studied with 'the chief' appreciate the enormous scope of his own training and clinical experience . . ."

He also remarked, "The recognition and praise that the Ophthalmology Branch brought to Ophthalmology from all of medicine certainly facilitated the subsequent foundation of an independent National Eye Institute."

Dr. von Sallmann has also been



In tribute to Dr. von Sallmann's productive career the Jan. 1970 issue of the *Journal Investigative Ophthalmology* was dedicated to him. All research papers in this issue were written by distinguished scientists who had trained under him.

honored by other publications. *Documenta Ophthalmologica*, *Advances in Ophthalmology* in 1962 devoted an issue to papers honoring him.

In his introduction, Dr. John H. Dunnington, a former colleague at Columbia University, referred to Dr. von Sallmann's "... outstanding personal qualities—modesty, graciousness, and energy . . . Through his kindly, tolerant attitude and his willingness to assist others, this indefatigable worker has endeared himself to his co-workers."

Work Cited

And, in the latest volume of the *System of Ophthalmology*, considered to be the definitive work in the field, Sir Stewart Duke-Elder has written, "Much work has been done on the subject of experimental cataract for more than a century . . . Ludwig K. J. von Sallmann . . . on this subject has not been surpassed by anyone in this generation."

Dr. von Sallmann's clinical and pathological studies of the retina have also been of great importance in clarifying the role of hereditary, toxic, infectious, and allergic factors in retinal disease.

Dr. von Sallmann received the Proctor Medal of the Association for Research in Ophthalmology in 1951 and in 1959 was honored with the Howe Medal of the American Ophthalmological Society for meritorious service to his profession.

In 1955, he won international recognition when he received an Honorary Doctorate from the Université d'Aix-Marseille. He received the Braille Award of the National

(See Dr. von SALLMANN, Page 4)

Dr. Bernstein Appointed Assoc. Director, NIAMD Extramural Programs

Dr. Lionel M. Bernstein, a gastroenterologist and specialist in internal medicine, has been named associate director for Extramural Programs of the National Institute of Arthritis and Metabolic Diseases.

He will direct the Institute's programs of Federal grants-in-aid for research and research training.

Before joining NIAMD, Dr. Bernstein was Director of the Research Service in the Veterans Administration Central Office, Washington, D.C.

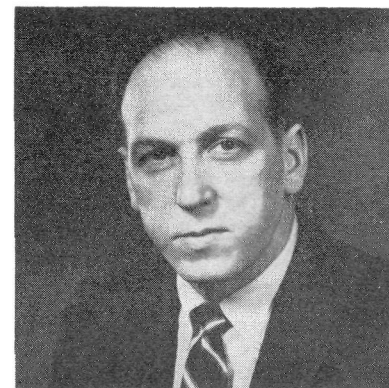
He received both M.D. and Ph.D. degrees from the University of Illinois.

After military service with the Army from 1946 to 1948, he returned to the Cook County Hospital in Chicago as a research fellow, and later became a resident in internal medicine there.

Dr. Bernstein held research and teaching positions with the University of Illinois College of Medicine from 1951 to 1954, and served for a year as chief of the Metabolic Research Division, Medical Nutrition Laboratory, Fitzsimmons Army Hospital in Denver.

For a 15-year period, until his present assignment, he held a number of administrative positions concerned with research and research training.

He also served as VA liaison



Dr. Bernstein, a Fellow in the American College of Physicians, is an active member in a number of other professional organizations.

member with the General Medicine Study Section of NIH, as VA liaison member of the National Advisory Council of NIAMD, and as a member of the National Liaison Committee of the American Gastroenterology Association.

Admiral Walter Welham Named Exec. Director of Federal Ass'n

Rear Admiral Walter Welham, Medical Corps, U.S. Navy Retired, has been named executive director of the Association of Military Surgeons, frequently referred to as "The Medical Society of the Federal Services."

Peyton Stapp Retires From Federal Service, Served in Chile, Japan

Peyton Stapp, associate director for Analysis and Statistics, Division of Research Grants, retired last month after 34 years in Government service. He was feted by his friends and colleagues at a cocktail party on July 28.

Mr. Stapp came to the reservation in 1962 as chief, Program Analysis and Statistics Branch in the Office of the Director, NIH.

Prior to that he was with the UN Economic Commission for Latin America, where he had been director of the Statistical Division in Santiago, Chile.

Before joining the Federal Government in 1936, Mr. Stapp spent 2 years as a teaching fellow in economics at the University of Michigan.

His first Federal appointment was with the Coordinating Committee of the Central Statistical Board and Works Projects Administration.

Later, he served with the U.S. Housing Authority, and the War Production Board. From 1942-1960, Mr. Stapp held appointments with the Bureau of the Budget, first as clearance officer and later as assistant chief of the Division of Statistical Standards.

He was also sent on Federal assignments to Japan and to the Philippines.

In 1963, Mr. Stapp was appointed assistant chief, DRG, to

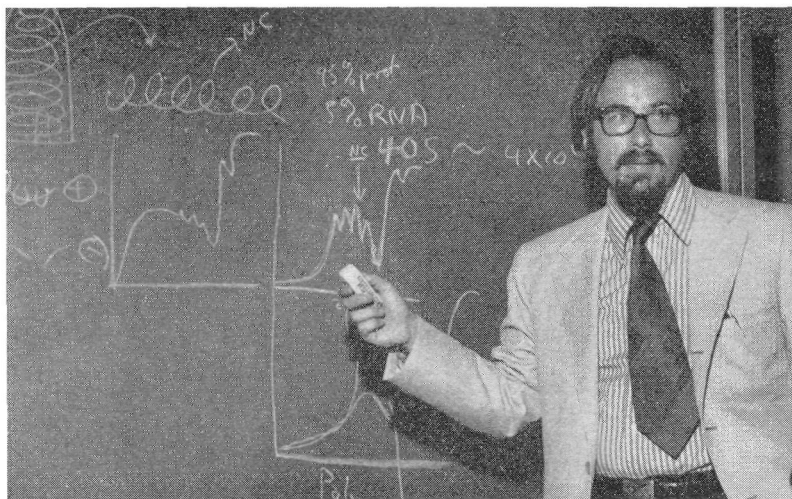


Mr. Stapp came to NIH from the UN Economic Commission for Latin America. In June he received the DHEW Superior Service Award for his contributions to NIH.

aid in further developing data processing and statistical operations.

Mr. Stapp received an A.B. degree and his M.A. degree in Economics from the University of Missouri.

This past June Mr. Stapp received the DHEW Superior Service Award, "In recognition of his major contributions to the development and operation of an effective system for the management of extramural data for NIH."



At a recent special seminar sponsored by the National Institute of Child Health and Human Development, Dr. David Baltimore discussed the function of polymerases in mammalian viruses. Dr. Baltimore is the MIT investigator supported in part by NIAID and NCI, who found RNA-dependent DNA polymerase associated with the same virus of chickens, and with a rodent virus, the Rauscher mouse leukemia virus.

NLM Archives to Get Films Showing Advances In Surgical Techniques

An extraordinary collection of motion pictures showing advances in surgical techniques developed in this country during the past 20 years will be donated to the Archives of the National Library of Medicine.

The donation is being made by the American College of Surgeons and Davis & Geck, a department of Lederle Laboratories.

Dr. Martin M. Cummings, NLM Director, said the donation will consist of films from the Cine Clinic Program initiated two decades ago by the ACS and Davis & Geck, a surgical suture firm.

Twenty Films Selected

Twenty outstanding motion pictures will be selected from a total of more than 400 films.

The formal presentation by Dr. Rollins Hanlon, executive director of the ACS, will be made in December in ceremonies at NLM, Dr. Cummings said. The event will mark the 20th anniversary of the Cine Clinic Program.

A committee of ACS members has been named by Dr. John Beal, chairman of the Motion Picture Committee of the College, to select the films considered most significant for the Library's archives.

The members are: Dr. Robert Freeark, Cook County Hospital, Chicago; Dr. James D. Hardy, University Hospital, Jackson, Miss.; Dr. William H. ReMine, Mayo Clinic, and Dr. William Pace, Ohio State University School of Medicine.

These films will be placed in the National Archives of Medical Motion Pictures of NLM's National Medical Audiovisual Center in Atlanta.

Dr. von SALLMANN

(Continued from Page 3)

Society for the Prevention of Blindness in 1959 and DHEW's Superior Service Award in 1968.

Born, reared, and educated in Vienna, Austria, Dr. von Sallmann graduated from the University of Vienna Medical School in 1919 and completed his residency in ophthalmology in 1923. He was then made Attending Ophthalmologist, a post he held until 1930.

Because he sought further clinical experience, Dr. von Sallmann served one year as associate professor and acting head of the Department of Ophthalmology at Peking Union Medical College, Peking, China.

He returned to his alma mater in 1931 to become Docent for Ophthalmology. In 1938, he served for a short period as head of the Eye Department at Empress Elizabeth Hospital in his native city.

Joins School Faculty

Soon after he came to the U.S. to become Director of the Laboratory at the Hermann Knapp Memorial Eye Hospital in New York.

Dr. von Sallmann joined the faculty of the College of Physicians and Surgeons of Columbia University in 1940 as research associate and assistant professor.

The next year he was also appointed assistant attending ophthalmologist at Columbia-Presbyterian Hospital.

In 1945 he became a U.S. citizen.

In 1955 he was named professor of Ophthalmology at the College and attending ophthalmologist at the Hospital.

After a year as a Visiting Scientist in the NINDB Ophthalmology Branch, he left Columbia to become the Ophthalmology Branch chief in 1956 and continued in that

Registration for Federal After-Hours Education Program Begins Sept. 15

More than 125 college level courses will be offered to civilian and military personnel and the general public through the Federal After-Hours Education Program.

The Fall Semester courses will be given after hours in 18 downtown Federal buildings in Washington, D.C. This program is coordinated by the Civil Service Commission's Bureau of Training in cooperation with the College of General Studies, George Washington University.

Students may enroll in undergraduate and graduate courses leading to B.S. and M.S. degrees. They may also enroll as non-degree students.

Courses to be offered include Accounting, Anthropology, Business Administration, Economics, English, International Affairs, Political Science, and Statistics.

Courses leading to an M.S. degree in Administration include Automatic Data Processing, Governmental Administration, Management Science and Procurement and Contracting.

Registration Hours Noted

Registration will be held from 10 a.m. to 3 p.m. on Tuesday and Wednesday, September 15-16, in conference rooms A and B—just off the lobby—Department of Commerce Building, 14th St., and Constitution Ave., N.W.

Classes begin the week of September 21. Tuition is \$50 per semester hour, all courses are 3 semester hours. This compares with \$68 per semester hour for courses taken on the George Washington University Campus.

The Government Employees Training Act of 1968 gives Federal agencies broad authority to pay tuition costs and other fees if the courses are related to present or anticipated job requirements.

For further information call Robert W. Stewart, Jr., field representative, College of General Studies, GWU, at 676-7018, 7028, 7065, or 7069.

capacity when the branch was transferred to the National Eye Institute last January.

Dr. von Sallmann is a Diplomate of the Pan-American Association of Ophthalmology. He serves on the editorial boards of the *Archives of Ophthalmology* and *Investigative Ophthalmology* and is on the advisory board of *Experimental Eye Research*.

Dr. von Sallmann is the author or co-author of over 200 scientific papers in the field of ophthalmology published in both German and English.

He and his wife, Dr. Henriette von Sallmann, also an ophthalmologist, live in Bethesda.

4 Retire With Combined Total of 129 Years In Federal Government

Four staff members in the office of the Director, Bureau of Health Professions Education and Manpower Training, retired July 31 with a combined total of over 129 years of Federal service.

James W. Thomas, chief of the Management Planning and Appraisal Staff, is the "longevity champion" with 37 years in Government, including nearly 22 years with PHS.

Longevity Noted

Lambert G. Longen, special assistant to the Executive Officer, retired after more than 31 years of service, including over 23 years with PHS.

Hannah Hoff, budget officer, accumulated just short of 31 years of service, all of which were with PHS.

"Junior" in point of service time is Dr. Harold F. Eisele, chief of the Special Projects Staff, with 30 years in Government, 19 of which were with PHS.

"The knowledge and experience represented in this small group



Mr. Longen



Dr. Eisele



Miss Hoff



Mr. Thomas

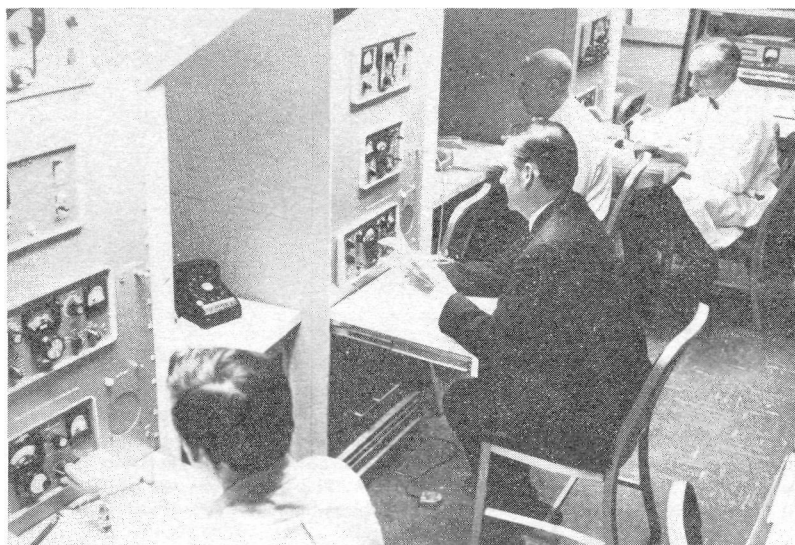
have been invaluable to the Public Health Service," said Dr. Kenneth M. Endicott, BEMT Director.

"We are grateful that our health manpower bureau has been the beneficiary of their advice and know-how during the 3½ years of its existence.

"I join all of their colleagues in the Bureau in wishing them many happy years in well-deserved retirement, but I have warned them to expect to hear from us from time to time, when problems arise which fall in their areas of experience," Dr. Endicott added.

An adult is one who has ceased to grow vertically, but not horizontally.—Anonymous

Radio Operators at K3YGG 'Ham' It Up, And Are Always Alert for Emergencies



During any lunch hour, ham radio operators can be found at their station in the Clinical Center. Left to right are: Dr. Harry Bluestein, Dr. Eugene Confrey, Nathan Coffey, and Dr. John Lynch.

W6XXX de K3YGG K. To the average listener, this sounds like alphabet soup, but a ham radio operator knows Station K3YGG is calling W6XXX in California and asking him to come in.

K3YGG is the ham radio station at NIH located in the Clinical Center.

Under the jurisdiction of the Federal Communications Commission, the station is also affiliated with the American Radio Relay League, an organization of amateur ham radio operators; Radio Amateur Civil Emergency Services (RACES) of Montgomery County, and MEDINET, Medical Information Radio Network of HEW.

They are part of the NIH Emergency Operations Group.

Sponsored by NIH's Protection and Safety Management Branch, the 35-member outfit is headed by President Nathan Coffey, NCI. All participants volunteer their time during lunch hours and after work.

Helps in Emergencies

The NIH Radio Amateur Club was formed for the purpose of supporting NIH in the event of an emergency or disaster. It began in 1963 but has its roots 10 years prior.

"Operation Alert in 1953, an NIH communications system with HEW mobile units, demonstrated amateur radio could be of valuable assistance under emergency conditions," said NIHRAC Secretary-Treasurer Dr. William Hook, NIDR.

The amateur radio operators provided volunteer emergency services in two national disasters, Hurricane Camille and the Alaskan earthquake.

They relayed messages for public health services and Government agencies as well as requests for doctors, nurses, and supplies.

An outbreak of leprosy on Easter Island also utilized the services of NIHRAC. By means of phone-patching, connecting a telephone

line to the radio receiver, the team put a Pan American Health Organization doctor in direct contact with the stricken area.

In addition to volunteer services, K3YGG has provided special communication channels to NIH field teams in Africa, the Canal Zone, Puerto Rico, and other overseas outposts of NIH and Public Health Service installations.

They also train people who use Government radios on the NIH reservation and, through their affiliation with RACES, assist in emergency conditions.

When no emergency exists, the members conduct point to point communications with other ham radio operators.

Awarded Certificate

Their radio shack is covered with cards confirming conversations from countries such as Japan, Mexico, Russia, England, France, Germany, and Sweden.

Also on display is a certificate from the International Amateur Radio Union awarded for radio communications with all six continents.

"We find that hams in practically all countries speak enough English to get by and use many internationally understood ham abbreviations," Mr. Coffey explained.

The radio room houses three transmitters in new vertical consoles capable of operating at a 1000-watt level simultaneously. Transmission modes include AM, FM, single side band, and telegraphy.

The equipment is capable of cov-

DCRT Autumn Brochure Offers Special Courses In Computer Training

For its fall curriculum, the Division of Computer Research and Technology will offer an introductory class on the Wiswesser Line Formula Notation, and a course in Molecular Modelling with a Small Computer.

WLN is a linear chemical notation widely used for computer-based chemical information systems. The course is designed to provide the student with a general understanding of the basic rules governing WLN and give practical experience in the encoding and decoding of structures no more complex than polycyclic fused ring systems.

Molecular Modelling will deal with the principles and practice of using computers to construct, manipulate and display models of molecular structure.

Participants will be encouraged to apply computer programs to molecules whose stereochemistry is of interest to them.

Neither of the courses require a background knowledge of computers and they are open not only to chemists, but to any person.

For a copy of the DCRT Training Brochure which describes these and other courses, call the Computer Center Branch Technical Information Office, Ext. 65431.

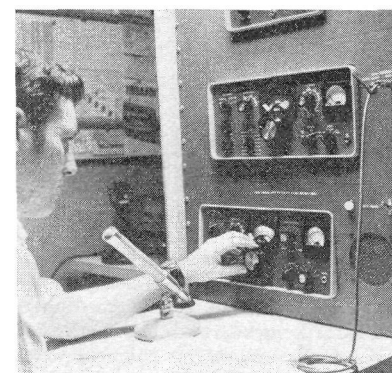
ering all amateur frequencies from 80 to 2 meters.

Utilizing all equipment, the radio hams can also monitor all frequencies from .5 to 110 and 144 to 175 megahertz.

They are able to communicate with Government radio operations at NIH such as guard offices, mobile units, walkie-talkies, and maintenance centers.

In case of power failure, all NIHRAC stations can be operated by an emergency diesel generator.

Those interested in joining NIHRAC or learning more about amateur radio should contact Dr. Hook, Ext. 61237; Dr. Harry Bluestein, Ext. 61100, or Leonard Aberbach, Ext. 64131.



When no emergency exists, Dr. Harry Bluestein contacts other "hams" throughout the world.

Dr. W. Marshall Retires, Encouraged Scientists to Enter Research Field

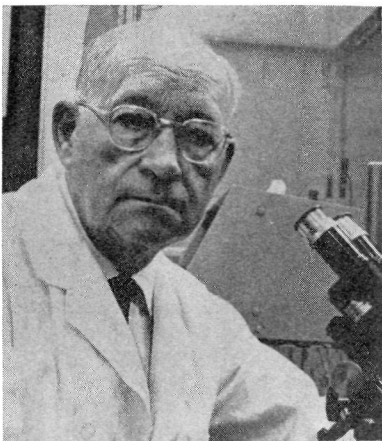
Dr. Wade Marshall, who has spent the major portion of his career investigating the physiology of the central nervous system, retired last month.

Dr. Marshall was chief of the Laboratory of Neurophysiology in the National Institute of Mental Health Intramural Research Program's Division of Biological and Biochemical Research.

He was first to map by electrophysiological methods the visual cortex—that part of the brain responsible for vision—and his interests have ranged widely from the transmission of impulses between nerve cells to the social issues of our day.

Dr. Marshall joined NIH as a research fellow in 1947, and soon became affiliated with the Laboratory of Neurophysiology, and he attracted bright young people into this developing new field.

Many of the Nation's leading physiologists have worked under Dr. Marshall. He encouraged and supported a wide variety of research and he made his laboratory an attractive place for scientists



Dr. Marshall was the first to map by electrophysiological methods the visual cortex—that part of the brain responsible for vision.

with an interest in new and imaginative studies.

Dr. Marshall studied at Beloit College, and earned his graduate degree in Physiology from the University of Chicago.

He taught in the medical schools of both George Washington and Johns Hopkins Universities, and also continued his interest in research.

Dr. Marshall was on the council of the Assembly of Scientists at NIH. He is a member of the Isaac Walton League, and the National Rifle Association.

Dr. Marshall's first retirement priority will be fishing and relaxation followed by some writing and interesting civic activities.



The French League for Dental Care of Children, a group of dental experts and journalists, recently visited the National Institute of Dental Research. They were on a U. S. tour to learn of advances in preventive dentistry. The use of fluorides in drinking water and in solutions applied directly to teeth to prevent decay was of special interest to them. The group was led by Dr. Henry Klein (front row, fifth from left), a dental epidemiologist.

New Publication Gives Facts on DN Projects; Serves as Bibliography

A new pocket-size directory, *Research in Nursing—1955-1968*, has recently been issued by the Division of Nursing, BEMT. It updates the previous directory for 1955-1965.

The publication contains facts on 182 research projects supported by DN. These projects are geared to the discovery of information important to patient care.

It groups the projects into three categories: A) Organization, Distribution and Delivery of Nursing Services; B) Recruitment, Selection, Education, and Characteristics of the Nurse Supply, and C) Research Development.

It describes the aims, methods, and research settings of each project; contains a Subject Index of 100 items as well as a Project Personnel index of over 450 names, and tells where the individual investigators may be reached for additional information.

It also serves as a comprehensive bibliography.

Requests for single copies of the directory and for further information concerning grants to advance nursing research and research training should be addressed to the Division of Nursing, NIH, Bethesda, Md. 20014.

Dr. William Paul Named Acting Lab Chief, NIAID

Dr. William Paul has been named acting chief of the Laboratory of Immunology, National Institute of Allergy and Infectious Diseases.

He fills a vacancy created when Dr. Baruj Benacerraf became Fabyan Professor of Comparative Pathology and head of the Pathology Department at Harvard Medi-

ACADEMIC

(Continued from Page 1)

1975," stated Dr. Endicott. "About 100,000 workers are employed at the present time.

"The critical need for medical laboratory manpower makes it necessary to find ways of shortening routes to professional certification and necessitates the recruitment and advancement of all competent medical laboratory workers."

Many potential medical laboratory personnel are released from the Armed Forces annually. Over 1,000 medical laboratory specialists are released each year from active duty in the Army alone.

They are the largest group of military health occupations specialties, according to Thomas D. Hatch, Acting Director of the Division of Allied Health Manpower, which will handle the contract.

Mr. Hatch stated, "Valuable resources are being wasted, when trained returning veterans and other laboratory workers leave the field because it is not possible to translate their training and experience into academic programs."

ETS will develop the equivalency tests for the College Level Examination Program of the College Entrance Examination Board.

The tests will focus on knowledge and skills in clinical chemistry, microbiology, hematology and immunohematology.

Questions will be developed on the basis of practical, real life situations.

cal School on July 1.

Formerly a senior investigator in the NIAID laboratory, Dr. Paul received the M.D. *cum laude* from State University of New York, Downstate Medical Center in 1960.

He was a clinical associate in the National Cancer Institute from 1962 to 1964, and has been assigned to NIAID for the past 2 years.

William Haenszel Given Honorary Degree From University in Colombia

William M. Haenszel, chief of the Biometry Branch, National Cancer Institute, was recently awarded an honorary doctoral degree from the Universidad del Valle, in Cali, Colombia.

It was only the sixth such degree to be presented in the history of this South American University. It was given to him by Dr. Henrique Tono, vice-rector of the school, in a ceremony held on May 13.

The academic title *Doctor Honoris Causa en Salud Publica* was given near the end of Mr. Haenszel's 4-month stay in Colombia as a traveling fellow for the International Agency for Research on Cancer.

This organization, supported by member nations, takes part in three main activities: epidemiology, information and communications, and providing financial support for research training.

Mr. Haenszel's degree was the first to be awarded in the field of health sciences.

He was selected because of his many publications on cancer epidemiology and health, and his organizing and participating in courses on statistical methods in epidemiology while with the University.

A graduate of the University of Buffalo with B.A. (*summa cum laude*) and M.A. degrees, Mr. Haenszel was a statistician with the New York State Department of Health



Mr. Haenszel (l) receives the citation from Dr. Tono at the May 13 ceremony. The NCI chief was selected for the honor because of organizing and participating in epidemiology courses during his stay at the university below the border.

for 13 years.

He then became the Director of the Bureau of Vital Statistics for the Connecticut Health Department.

Prior to joining NCI in 1952, Mr. Haenszel served as lecturer in Public Health at Yale University School of Medicine.

MEDALS

(Continued from Page 1)

chief of the Laboratory Aids Branch for 11 months. During this period he demonstrated a sustained capacity for leadership and direction of nearly 300 branch employees while continuing to carry out regular duties as chief of the Comparative Pathology Section."

Library Service Honored

Robert F. Clarke, Senior Health Services Officer, DRS, "in recognition for designing and executing a major rearrangement of the entire NIH library. Also, as Acting Chief of the newly-created Reference and Bibliographical Services Section, he reorganized and improved its services."

Jean Paul Davignon, Senior Pharmacist, NCI, "in recognition of development and formulation of high quality drugs for clinical use in the Chemotherapy Program, enabling NCI to introduce new drugs into clinical trial rapidly and effectively, and facilitate the effective continuation of on-going clinical activities."

Dr. Alfred Hellman, Scientist Director, NCI, "for his leadership and scientific contributions in the field of Biohazards Control and Containment which have led to the development and application of new protective measures against accidental infection of the laboratory investigator."

Leadership Cited

Dr. Raymond J. Helvig, Veterinary Director, DRG, "for his direction of the review activities of Surgery A Study Section and in organizing conferences and workshops which have called attention to a number of highly significant clinical areas."

Dr. Carl M. Leventhal, Medical Director, OD, "in recognition of his staff contributions to the development of science policy and the scientific management of the programs of the NIH."

Dr. Bayard H. Morrison, III, Medical Director, NCI, "in recognition of his liaison duties with Choriocarcinoma Study Group, Bladder-Prostate Study Group, Lung Cancer Task Force, American Cancer Society, and other volunteer, professional, and educational organizations and institutions."

Five Donors Achieve Special Status at CC Blood Bank

The Clinical Center Blood Bank reports that five donors achieved a special status: Philip J. Webb, NCI, 5 gallon; Dr. Paul J. Schmidt, CC Blood Bank, 3 gallon; and three attained the 1 gallon mark—Frederick J. Gutter, DRG; Marian L. Gundy, DRS-MAP; and Carol Jo Phillips, NICHD.

Fleet of Foot Dr. W. Delano Meriwether Wins 2 Races, Captures Coveted Title

By keeping one step ahead of the game, Dr. W. Delano Meriwether of the National Cancer Institute's Baltimore Cancer Research Center, not only won two races but also captured the "Most Outstanding Athlete Award" at a recent major track meet.

Dr. Meriwether represented the Baltimore Olympic Club. He took first place in both the 100- and 220-yard competitions with times of 9.6 and 21.8 seconds in the South Atlantic Amateur Athletic Union track and field event at Johns Hopkins University.

The two victories and his overall performance resulted in his selection as outstanding athlete of the meet, a high honor for a relative newcomer to the sport.

"We didn't have a track team in high school, and I didn't have the time as a pre-med student in college," Dr. Meriwether said. "And this is something I've always wanted to do."

The second-year clinical associate was recently successful in other competitions. In March Dr. Meriwether won the 60-yard dash in the South Atlantic AAU indoor track meet in Baltimore, and later won first place in a 220-yard race in Catonsville.

Dr. Meriwether plans to continue taking part in track events—that is when professional responsibilities permit.

At present, he is in the laboratory research phase of the clinical associate program. This research followed a year of patient care in the fields of leukemia and solid tumors.

Dr. Meriwether is a graduate of Michigan State University, and in 1967, completed medical school at Duke University.

ISOLETTE

(Continued from Page 1)

Therefore, viruses and other microbes are removed both before air enters the unit and before it is released into the atmosphere.

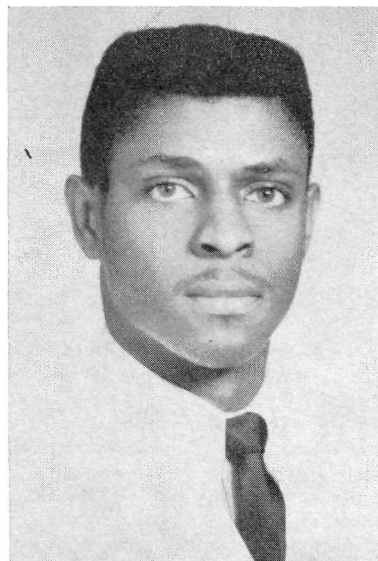
The units make the holding rooms practically odorless and noise free, and also eliminate the need for separate rooms for each animal species and disease.

They are maintained at NINDS animal facilities near Gaithersburg, Md.

The animals are placed in isolettes prior to inoculation to be certain they remain disease-free. Following inoculation, they are observed at regular intervals for clinical signs of disease.

Other NIH laboratories and Federal agencies have shown an interest in the isolettes which have been manufactured by an Ohio firm.

Detailed drawings are available from the Purchase Standards Unit, Procurement Section, SMB, which is including a description of the unit in their *Standard Animal Care Catalog*.



NCI's Dr. Meriwether explains that in high school there was no track team, in college he had no time, but now he is doing "something I've always wanted to do."

Articles Written by Two NICHD Staff Members Selected for Reprinting

Two papers, selected as among the best articles published in their field in 1969, were written by staff members of the Children's Diagnostic and Study Branch, National Institute of Child Health and Human Development.

The articles will be reprinted in *Annual Progress in Child Psychiatry and Child Development*, 1970 edition, edited by Drs. Stella Chess and Alexander Thomas.

"A Case of Congenital Sensory Neuropathy Diagnosed in Infancy" written by Dr. Judith L. Rapoport, originally appeared in the *Journal of Child Psychology and Psychiatry* in September 1969. Dr. Rapoport, a psychiatrist, is a branch consultant.

"Parents of the Mentally Retarded Child: Emotionally Overwhelmed or Informationally Deprived?" written by Dr. Adam P. Matheny, Jr., and Joel J. Vernick, appeared in the *Journal of Pediatrics*, June 1969.

It was also selected as an entry in the *Exceptional Child Annual 1969-Selections from the Journal of Literature*, published by Brunner/Mazel Books of New York.

When Dr. Matheny worked on the paper, he was a staff fellow in CDSB; he is now with the University of Louisville School of Medicine. Mr. Vernick is a clinical social worker in that branch.

Latest Participants in NIH Visiting Scientists Program Listed Here

7/1—Dr. Peter K. Muller, Germany, Laboratory of Biology. Sponsor: Dr. George R. Martin, NIDR, Bldg. 30, Rm. 412.

7/1—Dr. Li-Ming Twanmob, Taiwan, Drug Development Branch. Sponsor: Dr. Harry B. Wood, Jr., NCI, Bldg. 37, Rm. 6E26.

7/5—Dr. Tsuneo Tsuruhara, Japan, Reproduction Research Branch. Sponsor: Dr. Mortimer B. Lipsett, NICHD, Bldg. 10, Rm. 12N204.

7/6—Dr. Yoshikatsu Murooka, Japan, Laboratory of Molecular Biology. Sponsor: Dr. Robert A. Lazzarini, NINDS, Bldg. 36, Rm. 3D02.

7/6—Dr. Milton Rosenbaum, U.S.A., National Center for Mental Health Services. Sponsor: Dr. Sherman N. Kieffer, NIMH, Barlow Bldg., Rm. 14E16.

7/6—Dr. John A. Van Boxel, South Africa, Laboratory of Immunology. Sponsor: Dr. Ira Green, NIAID, Bldg. 10, Rm. 11N315.

Harold Burgess Retires, On Campus 11 Years

Harold Burgess, Office of Engineering Services, ODA, recently retired after 30 years of Government service. For the past 11 years he was with NIH.

His most recent position was construction representative with the Mechanical-Electrical Section, Construction Engineering Branch, OES.

During his years on the reservation, Mr. Burgess handled many construction projects.

Now that he has retired, Mr. Burgess plans to travel and continue with his currency and coin hobby.



Richard S. Hinton (1) and Lillie M. Thomas, who retired last month from the CC Environmental Sanitation Control Department, receive congratulations from Alexander Davis, ESCD. Gifts received at a ceremony in their honor included scrolls with signatures of friends and co-workers. The retirees' combined Federal service totaled over 50 years—30 of those years were at CC.

Frederick Lash Retires; Volunteer Work, Golf Will Keep Him Busy

Frederick A. Lash, acting chief of the Grants and Research Contracts Branch, National Cancer Institute, is retiring after 36 years of Federal service. He came to NIH in 1963.

He began his Federal Government career in 1934 with various emergency agencies. Prior to joining NIH, he served as assistant controller in the Department of Insurance for the Veterans Administration in Washington, D.C.

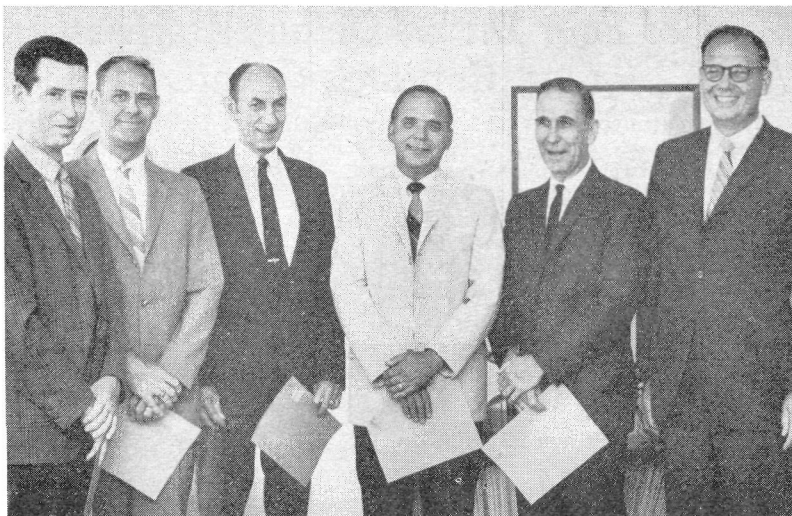
Mr. Lash was awarded the Sustained High Quality Performance Award in May, 1968, when he was assistant chief of GRC.

His retirement will afford him ample time to work on a golf handicap that remains confidential in spite of two holes-in-one already to his credit.

Mr. Lash and his family are planning to build a home at Charnita, Pa., an outdoorsmans refuge complete with ski slope and golf course.

More importantly, however, he plans to do volunteer work for cerebral palsy patients.

Mr. Lash, a native of Boston, at-



Dr. William B. DeWitt (far right), Director, Division of Research Services, recently presented 30-year service certificates and gold pins to six employees of the Biomedical Engineering and Instrumentation Branch, for their contributions to NIH research. (l to r): Robert A. Flavin, mechanical engineering technician; Grant C. Riggle, electronic engineer; Frank O. Anderson, supervisory mechanical engineering technician; Julian W. Holland, Jr., supervisory engineering technician, and Kenneth T. Bolen, supervisory mechanical engineering technician. Jesse Rowland, mechanical engineering technician, was not present.

Medical Teaching Film On Kidney Disease Uses Researchers as Actors

The completion of a new medical teaching film, "Management of Chronic Renal Insufficiency," was recently announced by the National Institute of Arthritis and Metabolic Diseases and the National Kidney Foundation, which have jointly sponsored and financed its production.

The 16 millimeter 28-minute color sound motion picture is intended for physicians, medical students and paramedical personnel.

The film begins with the emergency admission of a patient whose symptoms may be due either to end stage kidney disease, or to renal decompensation superimposed on chronic renal insufficiency.

Diagnosis Studied

After starting procedures to distinguish between these two possible diagnoses, the attending physicians then investigate the diagnosis and management of other patients with chronic renal insufficiency complicated by such conditions as blood volume depletion, obstructions of the urinary tract, kidney infections, and congestive heart failure.

The film was shot at the Clinical Center and at the University of North Carolina School of Medicine. The documentary style movie uses actual physicians, medical students, patients and personnel in their professional environments.

It was produced by Aegis Productions, Inc. of New York in association with Harry Olesker Productions, Inc.

Playing leading roles and also acting as film consultants are Dr.

DN Updates Literature On Teaching Technology

Nursing educators will now have an up-to-date key to current literature on teaching technology as a result of a revised publication, *Educational Technology and the Teaching-Learning process*.

Published by the Division of Nursing, BEMT, the up-dated bibliography contains over 800 titles concerning educational technology.

The brochure is the result of a project, Development of Nursing Educational Technology, carried out by the nurse faculty at Case Western Reserve University under a DN grant for Improvement in Nurse Training.

Classifications within the bibliography include theoretical formulations, discussions, evaluations, and techniques.

Single copies are available, free of charge, from the Division of Nursing, NIH, Bethesda, Md. 20014.

Robert Berliner, NIH Deputy Director for Science, and Dr. Louis G. Welt, Alumni Distinguished Professor and Chairman, Department of Medicine, University of North Carolina.

Other consultants are Robert J. Smythe, former Executive Director, National Kidney Foundation; Dr. Benjamin T. Burton, Associate Director for Program, and chief of NIAMD's Artificial Kidney and Chronic Uremia Program; Dr. Keatha K. Krueger, scientific communications officer, and Dr. Carl Stanitski, staff associate.

Prints will be distributed by the National Kidney Foundation and its affiliates to medical schools, teaching hospitals, and local medi-

Committee Will Establish Chapter of the Federal Professional Association

A committee to establish an NIH Chapter of the Federal Professional Association has been formed with Dr. Edwin D. Becker, NIAMD, as interim chairman.

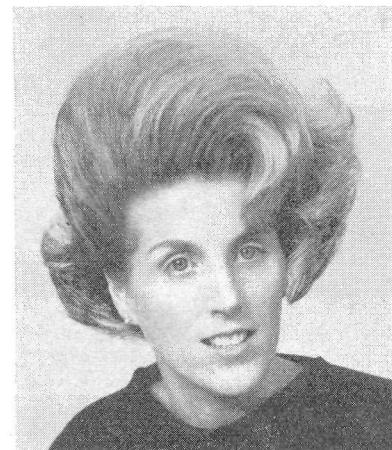
Other committee members include Clifford Allen, DPM; Dr. Wade H. Marshall, NIMH; Dr. Ruth M. Merwin, NCI; Dr. G. Burroughs Mider, NLM; Dr. H. Todd Miles, Jr., NIAMD; Dr. Mortimer Mishkin, NIMH; Dr. David Shakow, NIMH; Dr. Karl Sollner and Dr. Ulrich Weiss, NIAMD, and Mel White, BEMT/OD.

Dr. Becker said that an open meeting will be held in the fall with nationally known Federal scientists as speakers, including Dr. Allen V. Astin, former Director of the National Bureau of Standards.

"FPA started in 1962 as the only association of Federal employees embracing all professional and executive classifications in all agencies," Dr. Becker stated.

"It is not a union and does not process individual grievances. Its mission is to enhance the value of the career service to the public, to foster high standards of professional service, and to promote the general welfare of professional personnel," he explained.

"It was an FPA seminar that led to the Federal Executive Academy established by the Civil Service Commission," he added.



Diana Dalrymple, an executive secretary in NINDS, was elected to the highest regional office in the Venture Club, a service organization sponsored by the Soroptimist Club.

cal societies. They will also be available to qualified professional groups.

A list of affiliates may be obtained from the National Kidney Foundation, 315 Park Avenue South, New York, N.Y. 10010.

Additional prints may be had from the National Medical Audio Visual Center, Center for Disease Control, U.S. PHS, Atlanta, Ga.



Mr. Lash, who has chalked up 36 years of Federal service, began his career in 1934. He came to the NIH reservation in 1963.

tended the Boston Latin School and Bentley College. He and his family are now living in Bethesda.

He was honored at a luncheon on July 8, given by friends and co-workers.

Analyses of Projects Funded by NCI Available

Analyses of intramural projects, research grants, and contracts which were supported by the National Cancer Institute from Fiscal Year 1969 funds are now available in a series of six documents.

Dr. John H. Schneider, NCI scientific and technical information officer, prepared the analyses.

Abstracts, dollars obligated, project number, principal investigator, and his location are given.

Copies may be obtained from Dr. Schneider, Bldg. 31, Rm. 10A-35, Ext. 65515.